

Claims

I claim:

1. An automotive front lamp assembly comprising:
 - a. a reflector; and
 - b. at least one glare prevention feature located on the reflector to prevent the formation of at least one sink.
2. The automotive front lamp assembly of claim 1, wherein the reflector comprises a thermoplastic reflector.
3. The automotive front lamp assembly of claim 1, wherein the at least one glare prevention feature comprises a rib with a reflective convex surface having a sharp radius.
4. The automotive front lamp assembly of claim 1, wherein at least one glare prevention feature comprises a reflective half-sphere having a sharp radius.
5. The automotive front lamp assembly of claim 1, wherein the at least one glare prevention feature comprises a rib with a substantially perpendicular surface to the reflector and a curved surface.
6. The automotive front lamp assembly of claim 1, wherein the at least one glare prevention feature comprises a rib with a substantially perpendicular surface to the reflector and an angled surface.
7. The automotive front lamp assembly of claim 1, wherein the at least one glare prevention partially prevents the formation of the at least one sink.
8. A method of molding an automotive front lamp assembly reflector comprising the steps of:

- a. providing an injection molding tool;
 - b. determining where at least one sink will form on a reflector;
 - c. cutting an area into the injection molding tool that corresponds to the location of the at least one sink on the first reflector in order to create at least one glare prevention feature; and
 - d. molding with the injection molding tool, that has the area cut into it, the reflector, so that the at least one glare prevention feature forms on the reflector in approximately the same location as the at least one sink would have formed.
9. The method of molding an automotive front lamp assembly reflector of claim 8 wherein the reflector comprises a thermoplastic reflector.
10. The method of molding an automotive front lamp assembly reflector of claim 8, wherein the at least one glare prevention feature comprises a rib with a convex surface having a sharp radius.
11. The method of molding an automotive front lamp assembly reflector of claim 8, wherein the at least one glare prevention feature comprises a half-sphere having a sharp radius.
12. The method of molding an automotive front lamp assembly reflector of claim 8, wherein the at least one glare prevention feature comprises a rib with a substantially perpendicular surface to the reflector and a curved surface.
13. The method of molding an automotive front lamp assembly reflector of claim 8, wherein the at least one glare prevention feature comprises a rib with a substantially perpendicular surface to the reflector and an angled surface.
14. A method of preventing glare from being omitted from a front lamp assembly

comprising the steps of:

- a. determining where at least one sink will form on a reflector; and
- b. preventing the formation of the at least one sink on the reflector by molding at least one glare prevention feature on the reflector in approximately the same location on the reflector where the at least one sink would have formed.

15. The method of preventing glare from being omitted from a front lamp assembly of claim 14, wherein the reflector comprises a thermoplastic reflector.

16. The method of preventing glare from being emitted from a front lamp assembly of claim 14, wherein the glare prevention feature comprises a rib with a convex surface having a sharp radius.

17. The method of preventing glare from being omitted from a front lamp assembly of claim 14, wherein the glare prevention feature comprises a half-sphere having a sharp radius.

18. The method of preventing glare from being omitted from a front lamp assembly of claim 14, wherein the glare prevention feature comprises a rib with a substantially perpendicular surface to the reflector and a curved surface.

19. The method of preventing glare from being omitted from a front lamp assembly of claim 14, wherein the glare prevention feature comprises a rib with a substantially perpendicular surface and an angled surface.

20. A method of preventing glare from being omitted from a front lamp assembly comprising the steps of:

- a. providing a reflector with at least one sink;
- b. providing at least one glare prevention feature; and

- c. covering the at least one sink with the at lest one glare prevention feature.